

ULSS 009284-15A

USER'S LOGISTICS SUPPORT SUMMARY

**LIGHT CAPABILITY,
ROUGH TERRAIN FORKLIFT (LRTF)**

NSN 3930-01-478-3519



MARINE CORPS SYSTEMS COMMAND
QUANTICO, VA 22134-5010

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April 2002
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UNITED STATES MARINE CORPS
Marine Corps Systems Command
2033 Barnett Ave Suite 315
Quantico, Virginia 22134-5010

10 April 2002

1. This User's Logistics Support Summary (ULSS), authenticated for Marine Corps use and effective upon receipt, advises the Fleet Marine Force and other selected commands of the plan to field and logistically support the Light Capability, Rough Terrain Forklift (LRTF) TAMCN B2566VIIB, NSN 3930-01-478-3519.
2. Submit notice of discrepancies or suggested changes to this ULSS to: Commander, MARCORSYSCOM, Attn: GTES, 2033 Barnett Ave, Suite 315, Quantico, VA 22134-5010.
3. This ULSS supersedes ULSS 009284-15 for the Light Capability, Rough Terrain Forklift (LTRF) dated 3 December 2001.
4. This ULSS is applicable to the Marine Corps Reserve.

BY DIRECTION OF THE COMMANDER MARINE CORPS SYSTEMS COMMAND

OFFICIAL:



C. M. TILTON
Lieutenant Colonel, USMC
Program Manager, (GTES-ES)
Marine Corps Systems Command

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**USER'S LOGISTICS SUPPORT SUMMARY
FOR THE
LIGHT CAPABILITY ROUGH TERRAIN FORKLIFT**

1. Introduction. The Light Capability, Rough-Terrain Forklift (LRTF) is a lightweight, diesel powered, air transportable forklift used for lifting palletized loads up to 5,070 lbs. The Forklift is a U.S. Marine Corps unilateral acquisition of a modified Commercial-Off-The-Shelf (COTS) system. This system will replace Forklift, 4,000 LBS, NSN 3930-01-275-6420 currently in the Marine Corps inventory. The current Forklift no longer possesses the degree of reliability, availability, maintainability, and durability required to adequately support Marine Corps operations. The LRTF provides Combat Engineer Battalions, Engineer Support Battalions, Landing Support Companies, Artillery Regiments, Ground Service Support Units, and various Marine Aircraft Wing units the ability to load and off-load supplies and equipment from combat/support vehicles, move cargo across the beach, clear helicopter landing zones of supplies and equipment, and load and unload palletized cargo from International Standardization Organization (ISO) containers.

a. Source of Requirement. The Mission Need Statement (NO. LOG 216.5) for Material Handling Equipment, approved 30 April 1993 validated the requirement to maintain the existing material handling capability of the Marine Corps; Operational Requirements Document (LOG 1.15) dated 6 March 2000.

b. Points of Contact

TITLE	ACTIVITY	TELEPHONE
Program Manager	MARCORSYSCOM, GTES-ES Quantico, VA 22134-5010	(703) 784-2242 x5003 (DSN) 278-2242 x5003
Project Officer	MARCORSYSCOM, GTES-ES Quantico, VA 22134-5010	(703) 784-2242 x2505 (DSN) 278-2242 x2505
Integrated Logistics Support Manager	MARCORSYSCOM, GTES-ES Quantico, VA 22134-5010	(703) 784-2242 x2503 (DSN) 278-2242 x2503
Logistics Management Specialist	MARCORSYSCOM, GTES-ES Albany, GA, GA 31704-0320	(229) 639-5028 (DSN) 567-5028
Equipment Specialist	MARCORSYSCOM, GTES-ES Albany, GA 31704-0320	(229) 639-6983 (DSN) 567-6983
Warranty Administrator	MARCORSYSCOM, GTES-ES Albany, GA 310704-0320	(229) 639-6983 (DSN) 567-6983
Manufacturer	American Crane Corporation Db a Terex American Inc. Raleigh Street	(800) USMC-HELP

	Wilmington, NC 28412-6363	
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c. System Description. The LRTF is required for use in various combat, combat support, and combat service support units within the Operating Forces of the Marine Corps. The LRTF is required for lifting and material-handling tasks when it is neither feasible nor economical to use a forklift of greater capacity. It is required to clear landing zones of supplies and equipment, to load and unload combat vehicles, aircraft, and ISO containers.



Figure 1. -- Light Capability, Rough Terrain Forklift (LRTF)

d. Operational Characteristics. The Light Capability, Rough Terrain Forklift (LRTF) will add increased reach capabilities by being equipped with a telescopic boom vice a vertical mast. The LRTF also allows for greater maneuverability by employing 4-wheel, crab, and circle steering modes. It will be employed by the combat engineer battalion, artillery units, the engineer support battalion, landing support battalion company, other ground support combat service support units, and various Marine aircraft wing units. It will be routinely forward-deployed with the aforementioned FMF units in support of combat operations and operations other than war.

e. Replaced Weapon Systems and Equipment

(1) This system replaces: Truck, Forklift, Rough Terrain, Model 8606, TAMCN B2566, NSN 3920-01-275-6420. Replacement Forklifts will be provided on a one-for-one basis.

(2) Once the receiving unit places the LRTF into service, they must request disposition instructions for the old Forklift by submitting a recoverable item report (WIR) to COMMARCORLOGBASES (Code 577-1), Albany, GA. Units are encouraged to include multiple serial numbered Forklifts in one WIR.

NOTE: FOR III MEF UNITS ONLY

This ULSS grants the authority to turn in the old Forklift to the local Defense Reutilization and Marketing Office (DRMO) on a one-one basis. **There is no need to request disposition instructions.**

(3) All SL-3 components are to be turned in with the old Forklift.

(4) Stores Account Code (SAC) 1 and 2 items: Upon completion of the fielding, at the MEF level, each MEF will identify, collect and consolidate all SAC 1 and SAC 2 items that are used solely on the old Forklift. Once consolidated the quantity and location of these items will be provided to COMMARCORLOGBASES (Code 577-1), Albany, GA along with a request for disposition instructions.

(5) Publications: operating manuals that are in good condition will be returned with the old Forklift. Maintenance and parts manuals that are in good condition will be collected and consolidated with SAC 1 and SAC 2 items discussed in (4) above.

2. Administrative Information. The following information is provided:

a. Nomenclature. Light Capability, Rough Terrain Forklift (LRTF), Model TX51-19M

- b. TAMCN. B25667B
- c. SAC. 3
- d. National Stock Number. 3930-01-478-3519
- e. Item Designator. 09135B
- f. Unit of Issue. Each
- g. Unit Cost. \$43,250.00
- h. Support Cost. Support costs will be \$4,360.00 per machine per year.
- i. Physical Characteristics

	OPERATIONAL CONFIGURATION	STORAGE AND SHIPPING CONFIGURATION
Measured from the rear of the pintle to the tip of the forks		
Length (forklift mast retracted):	228.1 in	228.1 in
(forklift mast fully extended):	300.7 in	-----
Width:	80.8 in	80.8
Height:	89.0 in	89.0 in
Square:	127.9 sq ft	127.9 sq ft
Cube:	949.2 cu ft	949.2 2 cu ft
Weight:	13,480 lb	13,480 lb
Stowage:	Square	Square

j. Petroleum, Oil, and Lubricants. A Perkins 700 series engine is used. This engine has proven to meet EPA off-road emission standards and operates on diesel fuel oil and aviation kerosene type turbine fuel, grade JP-5 and JP-8. The fuel tank has the capacity for 10-hours of continuous forklift operations. An oil-sampling valve is provided for the engine and transmission. The LRTF qualifies as a candidate for the Joint Oil Analysis program per MCO 4731.1A.

(1) Diesel. The fuel consumption rate for the diesel engine is approximately 1.5 gallons per hour. The LRTF is expected to operate approximately 1000 hours per year under normal peacetime conditions. Annual fuel consumption is estimated to be 1500 gallons of diesel fuel.

(2) Oil. It is estimated that the LRTF engine oil supply of 2.1 gallons will be replaced quarterly or every 500 hours. The LRTF is expected to consume less than 9 gallons of oil per year during normal operations. It is anticipated that the LRTF hydraulic oil supply of 18.5 gallons will be replaced every 1000 hours.

(3) Lubricants. The LRTF will require less than 2 pounds of lubricating grease per year.

k. Equipment Density. Normal

l. Readiness Reporting. The LRTF is readiness reportable per MCO P3000.11C and MCO P3000.13C. Specific instructions will be published in MCBul 3000.

m. Power Requirements. N/A

Note: (2-12 Volt batteries and 24 Vdc NATO slave receptacle are provided)

n. Associated Systems/Equipment. N/A

3. Fielding Methodology

a. General Fielding Plan. The LRTF will be fielded vertically in accordance with the fielding sequence in the following order: Marine Corps Detachment, Fort Leonard Wood, III MEF, MPS-2, I MEF, II MEF, Supporting Establishment, MPS-3, MPS-1, MARFORRES, and Albany Stores commencing in the 2nd Quarter, FY02 and will be shipped directly from the factory to gaining commands over a 12 month period. This fielding sequence offers the best value to the Marine Corps by reducing the overall transportation and training costs, and reducing the number of contractor and military fielding personnel. The LRTF will be fielded to commands in accordance with the distribution and quantities specified in Appendix A. Allowance distributions are based on the most current force structure information available.

b. Method of Fielding. MARCORSYSCOM and Terex American Inc. (Terex) will assume responsibilities as the materiel fielder and executor, respectively, in order to relieve gaining commands of much of the logistics burden associated with the fielding process. The materiel fielder and executor will coordinate material fielding requirements with gaining commands; consolidate and package support items; deliver and de-process materiel; perform a joint inventory at hand-off; train operators and maintainers, and provide documentation for materiel to be posted to unit records.

(1) Fielding Conferences. The Materiel Fielding Team (MFT) will conduct fielding conferences prior to fielding. The Fielding Conferences will provide an overview of the fielding process, actions required by the gaining commands, and coordination between key personnel and agencies.

(2) Materiel Fielding Team (MFT). A MFT, operating under direction of MARCORSYSCOM will be responsible for performing the following functions: process equipment at issue point and provide New Equipment Training Team (NETT) to Operating Forces.

(a) De-processing. The MTF's de-processing portion will consist of all actions necessary to prepare the LRTF for issue at gaining commands. Those actions include initial technical inspection, inventory, road test, and hand-off to receiving unit.

(b) New Equipment Training Team (NETT). Representatives from Terex will provide NETT training at select geographic locations. Training will commence no later than 30 days after delivery of equipment. Delivery dates will be confirmed at the MEF pre-fielding conferences or by Naval Message.

1 Facility Requirements. Area to operate equipment, classroom with personal computer projector, video monitor, and VCR. Maintenance training requirements are as follow: service bay, tools for servicing heavy equipment, classroom with personal computer projector, video monitor, and VCR.

2 Training Synopsis. Two days operator and three days maintainer training will be provided during fielding. Specific details will be provided during pre-fielding conferences.

3 Materiel Fielding Team Composition. As shown below, the MFT will be comprised of representatives from MARCORSYSCOM (Ground Transportation Engineering Systems (GTES), Terex American, and temporary augmentees of Operational Force personnel from fielding locations.

MFT Composition				
Billet	Rank	MOS	#	Organization
SNCOIC	MSGT	1349	1	MARCORSYSCOM
Contractor	CIV		2/3	Terex American
Augmenting Personnel	CPL/SGT	1345	3	Operational Forces

4 Support. In addition to providing augmentees, each fielding location must provide the following specific items:

a Shop space with electrical, compressed air, and water access; also, use of maintenance equipment organic to installation maintenance units.

b General Mechanics Tool Kit, Common #1, and Common #2 Tool Sets.

c Access to office space with Class A telephone service, copier, and facsimile.

4. Logistic Support

a. Maintenance Support

(1) Maintenance Concept. Standard procedures in accordance with the maintenance policy established by MCO P4790.2B (MIMMS Field Procedures Manual) and maintenance authorized by the logistics capability paragraph of appropriate Tables of Organization (T/O's) will be followed. Personnel licensed to operate the LRTF in accordance with applicable TM's will perform operator's maintenance. The primary operators will be MOS 1345, Engineer Equipment Operator and MOS 1349, Engineer Equipment Chief. Second echelon and higher maintenance will be performed by MOS 1341, Engineer Equipment Mechanic, and MOS 1349 as specified in the appropriate technical manuals using existing common tools.

(a) Organizational Maintenance (First and Second Echelon)

1 First Echelon. That maintenance performed by using unit operators, as specified in the Operator's Manual and major components listings (SL-3 or equivalent).

2 Second Echelon. That maintenance performed by using unit personnel, as specified in the Unit Maintenance Manual and repair parts listing (SL-4 or equivalent).

(b) Intermediate Maintenance (Third and Fourth). That maintenance by MOS 1341, Engineer Equipment Mechanic and MOS 1349, Engineer Equipment Chief and will include fault diagnosis to the subassembly/component level, removal and replacement of parts and components, adjustments and alignments and coding of components, at the Maintenance Battalion or by other organizations authorized to perform such maintenance.

(c) Depot Maintenance (Fifth Echelon). N/A

(2) Designed Support Depots. N/A

(3) Calibration Requirements. N/A

b. Contractor Support. Terex will provide a 5 year bumper-to-bumper warranty. See Appendix C for details and Supply Instruction SI-09135B-12/1A. Assistance can be obtained 24 hours per day, 7 days per week through toll free telephone number 1-866-USMCHELP or by Email (USMC-TEREX-HELP@AMERICAN-CRANE.COM).

c. Manpower, Personnel, and Training

(1) Personnel Requirements. There are no MOS, grade, or Table of Organization (T/O) changes resulting from the fielding of the LRTF.

(2) Training Requirements. The LRTF will require both initial training to place the equipment in service as well as follow-on and sustainment training. Detailed maintenance training will be provided at the Engineer Equipment Instruction Company (EEIC), Marine Corps Detachment, Fort Leonard Wood, Missouri. Existing training will be updated as needed to reflect LRTF introduction as a replacement for TAMCN B2566 Forklift. The NETT will conduct initial training for operators (MOS 1345) and maintainers (MOS 1341 and 1349). Follow on training will be performed through currently established procedures at the unit level.

d. Supply Support. Terex will be the source of supply for repair parts, components, and consumables. Terex part numbers will be screened and all unique parts will be assigned National Stock Numbers in order to buy direct. Common parts will be assigned a National Stock Number and will be processed through the Defense Logistics Agency (DLA). This process will be seamless to the customer. Military Standard Requisitioning & Issue Procedures and Supported Activities Supply System will be used. The use of a credit card may be authorized at the discretion of the unit commander.

e. Support Equipment

(1) Special Tools

Special Tools			
Nomenclature	NSN	Terex P/N	Echelon
Fork Rotation Wrench	TBA	3221N8	2 nd

(2) Common Tools

Common Tools			
Nomenclature	NSN	TAMCN	Echelon
Tool Set, Common #1	4910-01-238-8115	C7073IIB	2 nd
Tool Set, Common #2	4910-01-238-8116	C7074IIB	3 rd & 4 th
Tool Kit, Gen. Mechanics	5180-00-606-3566	C7036IIT	2 nd - 4 th
Shop Equip, Contact Maintenance (SECM)	4910-01-333-8471	C7033VIIB	2 nd - 4 th

(3) Special Purpose Test Equipment. N/A

(4) General Purpose Test Equipment. N/A

(5) Application Program Sets and Test Program Sets. N/A

(6) Other Support Equipment. N/A

f. Technical Publications. One set of commercial manuals will be over-packed with

with each LRTF.

	Technical Manuals	
TM Number	TITLE	PCN
TM 09135B-10/1	TEREXLIFT 51-19M Operators Manual	184 091351 00
TM 09135B-24/2	TEREXLIFT 51-19M Shop Manual	184 091352 00
TM 09135B-24P/3	TEREX 51-19M Parts Manual	184 091353 00

The unit publications clerk should ensure that the manuals for the LRTF are added to their publication list to ensure automatic receipt of future changes or revisions to the manuals.

Requests for additional copies of the manuals can be through the Marine Corps Publications Distribution System (MCPDS). Address further questions on distribution or requisitioning of technical manuals to: MARCORSYSCOM, Technical Publications Branch DSN 278-4555 or commercial (703) 784-4555.

g. Computer Resources Support. N/A

h. Facilities. No new facilities or interim facilities are required. Existing facilities are adequate to support the operation, maintenance, training, supply, and storage of the LRTF.

i. Packaging, Handling, Storage, and Transportation (PHS&T)

1. Packaging

a. From the Manufacturer: Preservation and Packaging shall be in accordance with the best commercial practices of ASTM D 3951. Vehicles scheduled to be delivered to MCLB, Albany shall be delivered with ¼ tank of fuel and hot batteries.

b. From the Using Unit: In the event of a return to Stock or a return for repair the Using Unit shall be responsible for the preservation and packaging of the LRTF.

Items being returned to stock shall be in accordance with the level A requirements of ATPD 2241 (Vehicles, Wheeled, Preparation for Shipment and Storage of: and Marine Corps Order (MCO) P4030-36 (Marine Corps Packaging Manual). Vehicles scheduled for long-term storage shall be in accordance with level A requirements of ATPD 2241. Vehicles scheduled for shipment to all other destinations with the exception of Maritime Pre-positioned Force (MPF) shall be level B, Drive-on/Drive-off. Items preserved to level B scheduled for overseas destinations shall have a label affixed which reads, "NOT FOR WEATHER DECK STOWAGE". Items scheduled for MPF shall be preserved to level B, MPF Modified Drive-away." The terms Drive-on/Drive-off: and MPF Modified Drive-Away is defined as follows:

Drive-on/Drive-off: Batteries will be hot and disconnected from the vehicle electrical system. Terminals and leads will be taped. Fuel tank will be 1/4 full of JP5/8. The air intake, exhaust, and brake systems, drive train and gauges are to be de-preserved.

MPF Modified Drive-Away: Batteries will be hot and connected to the vehicle electrical system. Terminals leads will be taped. Fuel tank will be $\frac{3}{4}$ full of JP5/8. The air intake, exhaust, and brake systems, drive train and gauges are to be de-preserved. Fire extinguisher bracket and seats (all) shall be installed.

c. Marking for shipment and storage will be in accordance with MIL-STD-129N.

2. Handling The LRTF shall be capable of being driven off the delivery conveyance at the receiving unit site, or towed off at the storage site. There are no special handling requirements.

3. Storage. Fleet Support Division will preserve vehicles for storage in accordance with the level A requirements of ATPD 2241. Marking for shipping and storage will be in accordance with MIL-STD-129N.

NOTE: The hydraulic system on the LRTF must be exercised quarterly to prevent the seals from leaking. Fleet Support Division personnel will replace necessary fluids and exercise stored LRTFs quarterly in accordance with the technical manuals.

4. Transportation. The LRTF is capable of being transported by all means available to the U.S. Marine Corps (i.e. Air, Ground (Truck), Rail and Water). Marking for shipping and storage shall be in accordance with MIL-STD-129N.

(a) Rail Transportability. The LRTF is rail transportable in CONUS and NATO countries without restriction. When loaded on a 50-inch (127-cm) high rail car, the LRTF has a dimensional profile within the Association of American Railroads (AAR) outline diagram and the Gabarit international de Chargement (GIC) as specified in MIL-STD-1366. The LRTF has no restriction on the mode of transport demonstrated from rail impact testing in accordance with the AAR without breaking free, loosening, or showing any sign of permanent deformation.

(b) Marine Transportability. The LRTF is marine transportable in accordance with MIL-STD-1366 and is capable to withstand, without damage, the shock, rolling (not to exceed 15 degrees), and Pitch (not to exceed 10 degrees) normally experienced on the deck or in the hold of a cargo vessel.

(c) Highway Transportability. The LRTF is capable of unrestricted highway transport using current military and commercial trailer using a normal trailer on all state/federal and appropriate foreign highway. The LRTF if disabled through engine failure, is capable of being towed. The transmission can be disengaged from the wheels for towing by one man using appropriate devices and tools. The disengagement timeframe is less than one hour.

(d) Air Transportability. The LRTF meets the requirements of MIL-HDBK-1791 for C-17, C-130, C-141, and C-5 air transport. The LRTF is capable of being driven on and off all aircraft in the LRTF's operational configuration. The LRTF has met all requirements of MIL-STD-209 for transportation externally by a CH-53E type rotorcraft.

(e) Slings and Tie Down Provisions. The slings and the tie down provisions conform to MIL-STD-209 and to MIL-HDBK-1791 for equipment restrain criteria. The lifting provisions enables the complete LRTF to be lifted in the normal operating configuration without the use of a spreader bar. All slings and tie down points are labeled “LIFT”, “TIEDOWN”, or “LIFT/TIEDOWN” as applicable, in one-inch high letters.

j. Transportability and Naval Integration. There are no special transportability or naval integration requirements.

k. Warranties. The LRTF is covered by a 5-year warranty after the date of delivery. Complete warranty provisions are contained in Appendix C. Also see SI-09135B-12/1 Warranty Procedures for the Light Capability, Rough Terrain Forklift.

l. Environmental Safety and Health (ESH). There are no new ESH hazards and all ESH hazards have been reduced to the greatest extent possible. The LRTF conforms to all current Occupational Safety and Health Administration and Environmental Protective Agency requirements. The LRTF conforms to the requirements of ASME B56.6, SAE J98, and SAE J185 and the engine meets Air Emissions Tier I/II Regulations.

The LRTF is equipped with a complete Roll Over Protection Systems (ROPS) and Flip Over Protection System (FOPS) structure conforming to SAE J1040 as it applies to wheel loaders, and SAE J231. The system contains POL and is coated with Water Reducible CARC Type II.

m. Plan of Action and Milestones (POA&M). N/A

5. Actions Required to Place Equipment in Service

a. Gaining Commands. The LRTF will be shipped directly to gaining commands for fielding to units with established allowances. The gaining commands shall do the following:

(1) Assign POC to coordinate fielding of the LRTF.

(2) **Place forklifts on administrative deadline until training is completed**

(3) Upon arrival of the MFT/NETT conduct a joint Limited Technical Inspection (LTI) and report any material defects immediately to the Project Officer.

(4) Sign Joint Inventory and LTI forms; notify COMMARCORSYSCOM and COMMARCORLOGBASES when the new equipment is placed in service; post documentation; and establish equipment accountability per MCO P400.150E and MCO P4400.82F.

(5) Conduct NET for select personnel.

(6) Material Defects Reporting. Submit all fit, form, or function deficiencies in accordance with standard Product Quality Deficiency Reporting (PQDR) procedures contained in TM 4700-15/1 and MCO 4855.10_ to Supply Chain Management Center, ATTN: Product Support Section (Code 574-1), 814 Radford Blvd., STE 20320, Albany, GA 31704-0320. Disposition for the failed item will be furnished to the user based on the PQDR. The PQDR form is available at website: <http://notes.matcom.usmc.mil/pqdrs/index.htm> and may be forwarded to the PQDR Screening Point via e-mail.

(7) Retrograde of Existing Equipment. Once the receiving unit places the LRTF into service, they must request disposition instructions for the old Forklift by submitting a recoverable item report (WIR) to COMMARCORLOGBASES (Code 577-1), Albany, GA. Units are encouraged to include multiple serial numbered Forklifts in one WIR.

NOTE: FOR III MEF UNITS ONLY

This ULSS grants the authority to turn in the old Forklift to the local Defense Reutilization and Marketing Office (DRMO) on a one-one basis. **There is no need to request disposition instructions.**

(8) Obtaining Supporting Consumables. Accept responsibility for the planning and funding of consumables and replenishment of spare parts.

(9) Security Requirements. N/A

(10) Controlled Items Reporting. Report the receipt of the LRTF in accordance with MCO 8300.1 and UM 4400-150.

(11) Marine Corps Ground Equipment Resource Reporting (MCGERR). B2566 is currently readiness reportable per MCO P3000.11C and MCO P3000.13C and therefore the LRTF will remain MCGERR reportable.

b. MARCORSYSCOM, Albany

(1) Assign one POC to coordinate fielding of the LRTF to the MPF. The point of contact at Albany, GA for fielding the MPF is the Equipment Specialist, Code GTES-ES DSN 567-6983.

(2) Provide gaining unit requests for T/E deficiencies required for supporting functionality of the new product.

(3) Implement disposition instructions for all systems and equipment replaced as a result of the product fielding as directed by the Program Manager.

(4) Identify when fielding reaches 85 percent of its planned allowances to the Program Manager. Notify HQMC (LPP-1) when fielding reaches 85 percent.

(5) Monitor NSN attainment.

(6) Assign a warranty administrator to resolve warranty issues unresolved by community, track PQDR's for trend analysis, and report to the Program Manager.

(7) Post published ULSS on document repository.

c. MARCORSYSCOM, Quantico

(1) Assume overall responsibility for the fielding of the LRTF.

(2) Assign a Project Officer to provide on-site control, coordination, and oversight of the overall fielding process.

(3) Schedule and chair conferences at gaining command.

(4) Coordinate all fielding requirements and activities between gaining commands, MARCORSYSCOM, Albany, and contractor.

(5) Maintain life cycle management of the system per MCO 4105.4 and TM 4420-15/1 as required.

(6) Provide MARCORSYSCOM, Albany the digital signed ULSS for posting on the documentation repository.

d. Commanding General (CG), Marine Corps Combat Development Command (MCCDC). Request CG MCCDC (C53), Quantico, Virginia update the Logistics Management Information System files (LMIS) per instructions contained in this User's Logistics Support Summary.

e. Designated Software Support Activity. N/A

APPENDIX A
LIST OF ALLOWANCES/DELIVERY SCHEDULE
FOR
LIGHT CAPABILITY ROUGH TERRAIN FORKLIFT TAMCN B2566

1. Published allowances and delivery schedule is applicable to this ULSS. Allowances for the LRTF are driven by the requirements for current 4000 lb Forklift as listed in LMIS. The LRTF meets the same operational requirements as the equipment it replaces.

TE No.	Unit Title	Unit QTY	M U L T	T O T A L	FY02 Allowance By QTR				FY03 Allowance By QTR			
					1	2	3	4	1	2	3	4
7015	DMFA/WRMR, MCLB, ALBANY, GA	-	-	-								
7434	CE, EDUCATION COMMAND, QUANTICO, VA	1	1	1			X					
7540	MCENGRSCOL, TRAINING COMD, CAMP LEJEUNE, NC	1	1	1			X					
7711	EQUIP ALW POOL, MCAGCC, 29 PALMS, CA	24	1	24			X					
B2308	155MMBTRY, ARTYBN(M198), ARTYREGT, 3D MD(HI)	1	2	2		X						
B2309	HQBTRY, ARTYBN(M198), ARTYREGT, 3D MD (HI)	2	1	2		X						
B3331	MAINTCO, CSSG-3 (HI)	1	1	1		X						
B3341	LDGSPTCO, CSSG-3 (HI)	10	1	10		X						
H1322	DET, ENGRSPTCO, COMBAT ENGRBN/MPS1	2	1	2		X						
H2201	DET, HQBTRY, ARTYREGT/MPS1	3	1	3		X						
H3233	DET, ENGR MAINTCO, MAINTBN/MPS1	1	1	1				X				
H3245	DET, LDGSPT EQUIPCO, LNDGSPTBN/MPS1	10	1	10				X				
H8702	DET, MWSS(FW)/MPS1	4	1	4				X				
H8703	DET, MWSS(RW)/MPS1	4	1	4				X				
I1322	DET, ENGRSPTCO, COMBAT ENGRBN/MPS2	2	1	2			X					
I2201	DET, HQBTRY, ARTYREGT/MPS2	3	1	3			X					
I3233	DET, ENGR MAINTCO, MAINTBN/MPS2	1	1	1			X					
I3245	DET, LDGSPT EQUIPCO, LNDGSPTBN/MPS2	10	1	10			X					
I8702	DET, MWSS(FW)/MPS2	4	1	4			X					
I8703	DET, MWSS(RW)/MPS2	4	1	4			X					
J1322	DET, ENGRSPTCO, COMBAT ENGRBN/MPS3	2	1	2			X					
J2201	DET, HQBTRY, ARTYREGT/MPS3	3	1	3			X					
J3233	DET, ENGR MAINTCO, MAINTBN/MPS3	1	1	1			X					
J3245	DET, LDGSPT EQUIPCO, LDNGSPTBN/MPS3	10	1	10			X					
J8702	DET, MWSS(FW)/MPS3	4	1	4			X					
J8703	DET, MWSS(RW)/MPS3	4	1	4			X					
M7540	MCENGRSCOL, MCB, CAMP LEJEUNE, NC (MOB)	3	1	3			X					
N1028	ASLT BOAT CO, HQBN, 2D MARDIV	2	1	2			X					
N1312	CMBT ENGRSPTCO, COMBAT ENGRBN, 1ST MARDIV	2	1	2			X					
N1322	CMBT ENGRSPTCO, COMBAT ENGRBN, 2D MARDIV	2	1	2			X					

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TE No.	Unit Title	Unit QTY	M U L T	T O T A L	FY02 Allowance By QTR				FY03 Allowance By QTR			
					1	2	3	4	1	2	3	4
N1336	CMBT ENGRCO, COMBAT ASLTBN, 3D MARDIV	2	1	2		X						
N1342	CMBT ENGRSPTCO, COMBAT ENGRBN, 4TH MARDIV	2	1	2			X					
N1511	H&SCO, 1ST TANKBN, 1ST MARDIV	1	1	1			X					
N1521	H&SCO, 2D TANKBN, 2D MARDIV	1	1	1			X					
N1541	H&SCO, 4TH TANKBN, 4TH MARDIV	1	1	1					X			
N1581	H&SCO, 8TH TANKBN, 4TH MARDIV	1	1	1					X			
N1641	H&SCO, 4TH AABN, 4TH MARDIV	1	1	1					X			
N2101	HQBTRY, ARTYREGT, 1ST MARDIV	8	1	8			X					
N2108	155MMBTRY, ARTYBN(M198), ARTYREGT, 1ST MARDIV	1	12	12			X					
N2109	HQBTRY, ARTYBN(M198), ARTYREGT, 1ST MARDIV	2	4	8			X					
N2201	HQBTRY, ARTYREGT, 2D MARDIV	8	1	8			X					
N2208	155MMBTRY, ARTYBN(M198), ARTYREGT, 2D MARDIV	1	12	12			X					
N2209	HQBTRY, ARTYBN(M198), ARTYREGT, 2D MARDIV	2	4	8			X					
N2301	HQBTRY(-), ARTYREGT, 3D MARDIV	8	1	8		X						
N2308	155MMBTRY, ARTYBN(M198), ARTYREGT, 3D MARDIV	1	4	4		X						
N2309	HQBTRY, ARTYBN(M198), ARTYREGT, 3D MARDIV	2	1	2		X						
N2401	HQBTRY, ARTYREGT, 4TH MARDIV	8	1	8					X			
N2408	155MMBTRY, ARTYBN, ARTYREGT, 4TH MARDIV	1	15	15					X			
N2409	HQBTRY, ARTYBN, ARTYREGT, 4TH MARDIV	2	5	10					X			
N3133	ENGR MAINTCO, MAINTBN, 1 ST FSSG	2	1	2			X					
N3134	ORD MAINTCO, MAINTBN, 1ST FSSG	1	1	1			X					
N3136	G/S MAINTCO, MAINTBN, 1ST FSSG	2	1	2			X					
N3154	BULKFUELCO, ENGR SPTBN, 1ST FSSG	2	1	2			X					
N3193	SPTCO, TRANS SPTBN, 1ST FSSG	30	1	30			X					
N3233	ENGR MAINTCO, MAINTBN, 2D FSSG	2	1	2			X					
N3234	ORD MAINTCO, MAINTBN, 2D FSSG	1	1	1			X					
N3252	ENGRSPTCO, ENGR SPTBN, 2D FSSG	2	1	2			X					
N3254	BULKFUELCO, ENGR SPTBN, 2D FSSG	2	1	2			X					
N3293	SPTCO, TRANS SPTBN, 2D FSSG	30	1	30			X					
N3333	ENGR MAINTCO, MAINTBN, 3D FSSG	1	1	1		X						
N3334	ORD MAINTCO, MAINTBN, 3D FSSG	1	1	1		X						
N3354	BULKFUELCO, ENGR SPTBN, 3D FSSG	2	1	2		X						
N3393	SPTCO, TRANS SPTBN, 3D FSSG	15	1	15		X						
N3433	ENGR MAINTCO, MAINTBN, 4 TH FSSG	2	1	2					X			
N3434	ORD MAINTCO, MAINTBN, 4TH FSSG	1	1	1					X			
N3445	LDGSPT EQUIPCO, LDG SPTBN, 4TH FSSG	30	1	30					X			
N3452	ENGRSPTCO, ENGR SPTBN, 4TH FSSG	2	1	2					X			
N3454	BULKFUELCO, ENGR SPTBN, 4TH FSSG	2	3	6					X			
N4683	SERVCO, COMMBN, I MHG	2	1	2			X					
N4706	H&SCO, II MHG	1	1	1			X					

TE No.	Unit Title	Unit QTY	M U L T	T O T A L	FY02 Allowance By QTR				FY03 Allowance By QTR			
					1	2	3	4	1	2	3	4
N4783	SERVCO, COMMBN, II MEF	2	1	2			X					
N4806	H&SCO, III MHG (INCL BAND)	3	1	3		X						
N4883	SERVCO, COMMBN, III MHG	2	1	2		X						
N4983	SERVCO, COMMBN, MARFORRES	2	1	2					X			
N8702	MAR WING SPT SQDN (FW), MWSG, MAW	6	3	18		X						
N8703	MAR WING SPT SQDN (RW), MWSG, MAW	6	3	18		X						
W2209	HQBTRY, ARTYBN, ARTYREGT, MARDIV/NALMEB	4	1	4				X	X			
W3290	DET, TRANS SPTBN, FSSG/NALMEB	12	1	12				X				
W3250	DET, ENGR SPTBN, FSSG, NALMEB	7	1	7				X				
W4706	DET, HQCO, MHG/NALMEB	1	1	1				X				
W4787	DET, COMMBN, MHG/NALMEB	1	1	1				X				
W8702	DET, MWSS (FW)/PREPONOR	6	1	6				X				
W8703	DET, MWSS (RW)/PREPONOR	6	1	6				X				
025060	MARCOR DET, FT LEONARD WOOD, MO	11	1	11	X							
028702	MAR WING SPT SQDN (FW), MWSG, 2D MAW	6	2	12		X						
028703	MAR WING SPT SQDN (RW), MWSG, 2D MAW	6	2	12		X						
048702	MAR WING SPT SQDN (FW), MWSG, 4TH MAW	6	2	12						X		
048703	MAR WING SPT SQDN (RW), MWSG, 4TH MAW	6	2	12						X		

NOTE: The information provided above is accurate as of the date of publication of the ULSS.
Subsequent changes to unit allowances or deliveries are reflected through modification of quantities in the Equipment Allowance File.

APPENDIX B: SCHEDULE OF EVENTS

<u>Event</u>	<u>Date</u>
Milestone III	August, 2000
Contract Award	August, 2000
Prefielding Conference	November, 2001
Production Decision	September, 2001
Fielding Decision	December, 2001
IOC	March, 2002
FOC	December, 2002
Note: These projected dates may change due to production increases or as required to improve program efficiency.	

APPENDIX C: TEREX CRANES, INC. WARRANTY PROVISIONS

LIGHT CAPABILITY ROUGH TERRAIN FORKLIFT (LRTF)

Warranted Period

The warranty covers the Light Capability, Rough Terrain Forklift (LRTF) to be free of defects in material or workmanship for a period of sixty (60) months, or 10,000 hours of use, whichever comes first after date of delivery. This warranty also covers the labor to repair the LRTF for a period of sixty (60) months, or 10,000 hours of use, whichever comes first after date of delivery. Terex's obligation and liability under this warranty is expressly limited to, at Terex's sole option, repairing or replacing, with new or remanufactured parts or components, any part, which appears to Terex upon inspection to have been defective in material or workmanship. Such parts shall be provided at no cost to the United States Marine Corps (USMC). The warranty does not cover normal maintenance or the parts associated with normal maintenance such as filters.

The term of the warranty begins at the time of delivery of the forklift.

For further information on warranty provisions see LRTF Supply Instruction SI-09135B-12/1A